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Elimination of *Dirofilaria immitis* Infection in Dogs, Linosa Island, Italy, 2020–2022

Appendix

Appendix Table. Data and results of diagnostic tests performed on 28 dogs infected with *Dirofilaria immitis* and treated with doxycycline (10mg/kg BID PO for 4 weeks) combined with a monthly application of a spot-on formulation containing 10% w/v imidacloprid and 2.5% w/v moxidectin for 12 mo

ID	Sex	Age (months)	T0 October 20		T1 November 20		T2 December 20		T3 January 21		T6 April 21		T9 July 21		T12 October 21		T18 April 22									
			Kott (Mfl/mL)	Ant	Echo		Knott (Mfl/mL)	Ant	Knott (Mfl/mL)	Ant	Ant	Echo		Ant	Echo		Ant	Echo		Knott (Mfl/mL)	Echo					
					V1	V2						V1	V2		V1	V2		V1	V2		A	V1	V2			
3	M	36	POS (902)	P	1	1	NEG	P	NEG	P	P	0	1	N	0	0	N	0	0	NEG	N	0	0			
6	M	48	NEG	P	-	-	NEG	P	NEG	P	P	0	1	N	0	0	N	0	0	-	-	-	-			
8	M	36	POS (1,187)	P	1	1	NEG	P	NEG	P	P	0	0	N	0	0	N	0	1	N	0	0	NEG	N	0	0
13	M	132	POS (5,311)	P	1	1	NEG	P	NEG	P	P	1	1	P	1	1	N	0	1	N	1	1	NEG	N	0	0
14	F	120	POS (227)	N	1	1	NEG	N	NEG	N	N	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
15	M	120	POS (3,876)	P	-	-	POS (36)	P	NEG	P	P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	M	96	NEG	P	0	0	NEG	N	NEG	N	N	0	0	N	0	0	N	0	0	N	0	0	NEG	N	0	0
17	M	84	POS (4)	P	0	1	NEG	P	NEG	P	P	0	0	N	0	0	N	0	0	N	0	0	NEG	N	0	0
22	F	120	NEG	P	0	1	NEG	P	NEG	P	P	0	0	N	0	0	N	0	0	N	0	1	NEG	N	0	0
23	F	96	NEG	P	0	1	NEG	P	NEG	P	P	1	1	N	0	1	N	0	0	N	0	0	NEG	N	0	0
24	M	60	NEG	P	0	1	NEG	P	NEG	P	P	0	0	N	0	0	N	0	1	N	0	0	NEG	N	0	0
25	M	48	NEG	P	1	1	NEG	P	NEG	P	P	0	0	P	0	1	N	0	1	N	0	0	NEG	N	0	0
26	F	60	NEG	P	1	1	NEG	P	NEG	P	N	0	0	P	0	0	N	0	0	N	0	1	NEG	N	0	0
27	F	60	NEG	P	0	1	NEG	P	NEG	N	N	0	0	N	0	0	N	0	0	N	0	0	NEG	N	0	0
30	M	84	POS (1,147)	P	0	1	NEG	N	NEG	P	N	0	1	N	0	0	N	0	0	N	0	0	NEG	N	0	0
31	F	48	POS (7)	P	0	1	NEG	P	NEG	P	P	0	1	P	0	0	N	0	0	N	0	0	NEG	N	0	0
35	F	60	POS (1,178)	P	1	1	NEG	P	NEG	P	P	0	0	P	0	0	P	0	0	N	0	0	NEG	N	0	0
36	M	120	POS (1,141)	P	1	1	POS (2)	P	NEG	P	P	1	0	P	0	0	P	0	0	N	0	0	NEG	N	0	0

ID	Sex	Age (months)	T0		T1		T2		T3			T6		T9		T12		T18								
			October 20		November 20		December 20		January 21			April 21		July 21		October 21		April 22								
			Kott (Mfl/mL)	Ant	Echo		Knott (Mfl/mL)	Ant	Knott (Mfl/mL)	Ant	Ant	Echo		Ant	Echo		Ant	Echo		Knott (Mfl/mL)	A	Echo				
		V1	V2							V1	V2		V1	V2		V1	V2			V1	V2					
	F	108	POS (3,573)	P	1	1	NEG	N	NEG	N	N	0	0	N	0	1	N	0	1	N	0	0	NEG	N	0	0
38	F	48	POS (1,368)	P	0	0	NEG	P	NEG	P	P	1	1	N	0	0	N	0	0	N	0	0	NEG	N	0	0
39	M	24	NEG	P	0	1	NEG	P	NEG	P	N	0	1	P	0	1	N	0	0	N	0	0	NEG	N	0	0
40	M	36	NEG	P	-	-	NEG	P	NEG	P	N	0	0	P	1	0	N	0	0	N	0	0	NEG	N	0	0
43	M	96	POS (1,471)	P	0	0	NEG	P	NEG	P	P	0	0	N	0	0	N			N	0	1	NEG	N	0	0
44	M	48	POS (6,432)	P	0	1	NEG	P	NEG	P	P	0	1	N	0	0	N	0	0	N	0	0	NEG	N	0	0
45	M	134	POS (270)	P	1	1	NEG	P	NEG	P	P	1	1	N	1	1	N	0	0	N	0	0	NEG	N	0	0
49	F	134	POS (277)	P	1	1	NEG	P	NEG	P	P	1	1	P	1	0	N	0	0	N	0	0	NEG	N	0	0
53	F	156	POS (13,180)	P	-	-	POS (5)	P	NEG	P	P	0	1	P	0	1	N	0	1	N	0	0	NEG	N	0	0
55	M	156	POS (2,608)	P	-	-	POS (1)	P	NEG	P	P	0	0	N	0	0	N	0	0	N	0	0	NEG	N	0	0
Total			17	27	20	4	24	0	24	20	14	10	9	2	6	0	3	0	3	0	0	0	0	0	0	0

Legend: Ant = ELISA antigen test; Echo = echography of pulmonary vein and arteries (V1) and parasternal short axis of pulmonary artery (V2).